

ORAI3 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP17188a**Specification**

ORAI3 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession [Q9BRQ5](#)

ORAI3 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 93129

Other Names

Protein orai-3, Transmembrane protein 142C, ORAI3, TMEM142C

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ORAI3 Antibody (N-term) Blocking Peptide - Protein Information

Name ORAI3

Synonyms TMEM142C

Function

Ca(2+) release-activated Ca(2+)-like (CRAC-like) channel subunit which mediates Ca(2+) influx and increase in Ca(2+)-selective current by synergy with the Ca(2+) sensor, STIM1.

Cellular Location

Cell membrane; Multi-pass membrane protein

Tissue Location

Expressed in both naive and effector T helper cells with higher levels in effector cells.

ORAI3 Antibody (N-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

ORAI3 Antibody (N-term) Blocking Peptide - Images**ORAI3 Antibody (N-term) Blocking Peptide - Background**

Key regulator or component of store-operated Ca^{2+} channel and transcription factor NFAT nuclear import (By similarity).

ORAI3 Antibody (N-term) Blocking Peptide - References

Motiani, R.K., et al. J. Biol. Chem. 285(25):19173-19183(2010)Bogeski, I., et al. Sci Signal 3 (115), RA24 (2010) :Schindl, R., et al. Proc. Natl. Acad. Sci. U.S.A. 106(46):19623-19628(2009)Lee, K.P., et al. Proc. Natl. Acad. Sci. U.S.A. 106(34):14687-14692(2009)Frischauf, I., et al. J. Biol. Chem. 284(32):21696-21706(2009)